

Unit 1: Measurement

Unit Conversions Homework

Equivalencies:

Temperature:

$$C = (5/9) \times (F - 32)$$

$$F = ((9/5) \times C) + 32$$

Distance:

$$1 \text{ inch} = 2.54 \text{ cm}$$

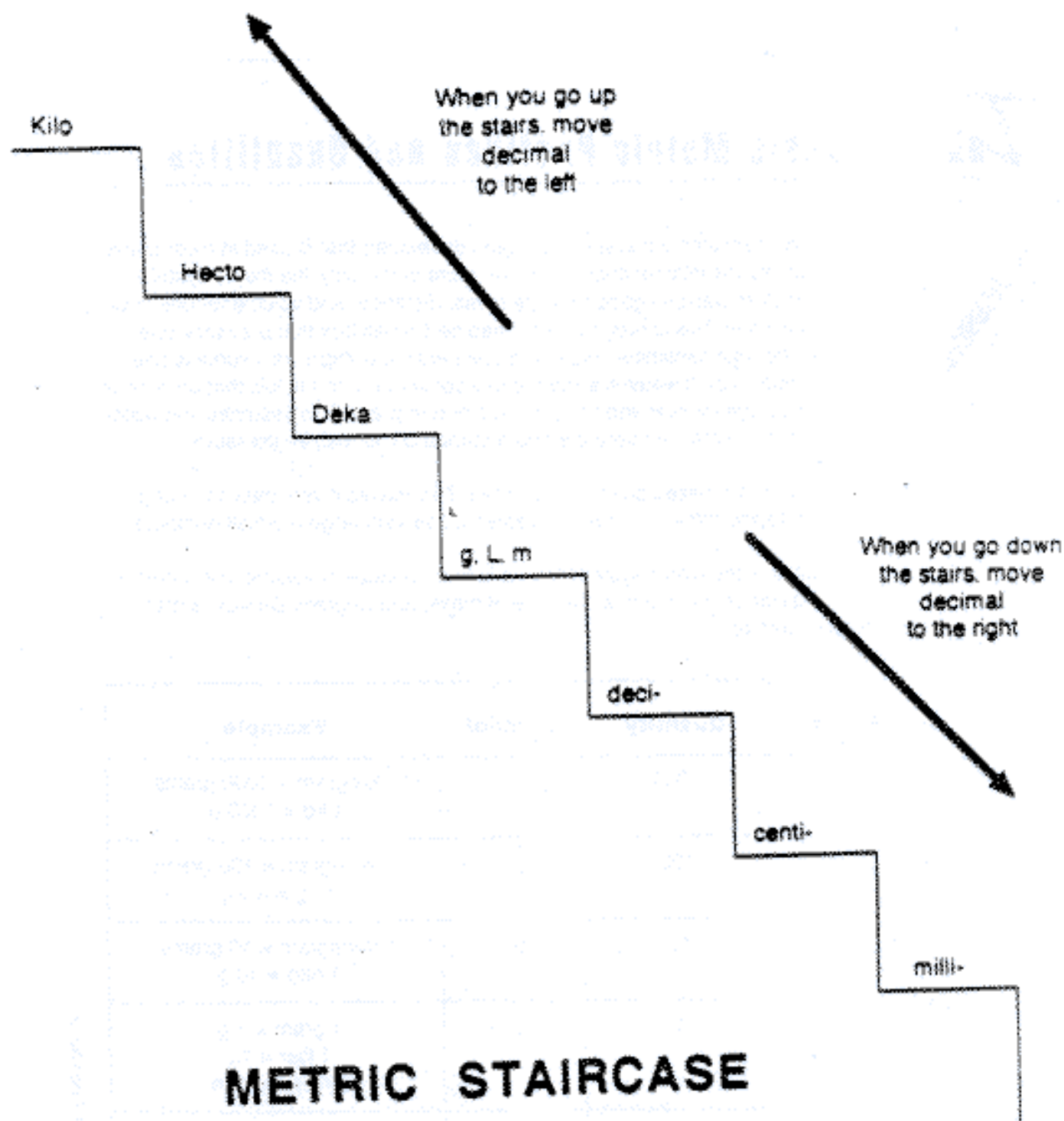
$$1 \text{ mile} = 1.6 \text{ km}$$

Mass:

$$1 \text{ kg} = 2.2 \text{ lbs.}$$

Volume:

$$1 \text{ gallon} = 3.8 \text{ L}$$



METRIC STAIRCASE

King Henry Died Drinking Chocolate Milk

1. Convert 15 miles to kilometers

2. Convert 38 pounds to kilograms

3. Convert 33 centimeters to inches

4. Convert 18 gallons to liters

5. Convert 43 kilograms to pounds

6. Convert 19 degrees Celsius to degrees Fahrenheit

7. Convert 88 inches to centimeters

8. Convert 19 kilometers to miles

9. Convert 32 degrees Fahrenheit to degrees Celsius

10. Convert 98 liters to gallons

11. Convert 443 millimeters to inches

12. Convert 1200 grams to pounds